



State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Natural and Historic Resources  
Office of Engineering & Construction

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Governor

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Lt. Governor

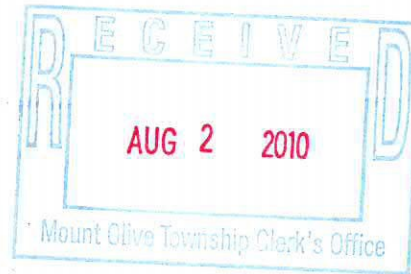
BOB MARTIN  
Commissioner

cc: Admin  
DPW  
G. Buczynski

JUL 29 2010

Mr. Bruce A. Mueller  
Mt. Olive Complex Inc.  
40 Wolfe Road  
Budd Lake, NJ 07828

Re: Morris County YMCA Dam  
NJ DEP File No. 25-67



Dear Mr. Mueller:

This is in reference to the 2010 Regular Inspection Report, the 2010 Compliance Schedule, and the Preliminary Design Report submitted under an April 14, 2010 letter prepared by Christopher S. Adams, P.E. Civil Dynamics Inc. for the Morris County YMCA Dam located within Mount Olive Township, Morris County.

Based upon a review of the Morris County YMCA Dam inspection report, and our existing records, the Morris County YMCA Dam was found to be in UNSATISFACTORY condition. The Bureau of Dam Safety and Flood Control concurs with the findings and recommendations of the report.

Upon review of the 2010 Morris County YMCA Dam Compliance Schedule, the Bureau of Dam Safety and Flood Control has determined that an acceptable time schedule for item submission has been provided.

The April 14, 2010 letter prepared by Christopher S. Adams, P.E. Civil Dynamics Inc. summarizes hydraulic and hydrologic analyses that were conducted to support the proposed breach design. However, the HEC-1 and HEC-RAS modeling was not included in the submittal. Therefore, based solely on the summary tables Civil Dynamics created from the results of the HEC-1 and HEC-RAS modeling, the Department states that the preliminary engineering for the permanent breach of the Morris County YMCA Dam is conceptually acceptable, since it was demonstrated that the proposed dam removal would not increase flooding to the downstream area during the 10-, 50-, and 100-year storm events nor raise the water level by five (5) feet or more and will be stable during the 100-year storm event.

E-Mail Address: [DamSafety@dep.state.nj.us](mailto:DamSafety@dep.state.nj.us)

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Please be reminded that items 1-9 under the New Jersey Dam Safety Standards (N.J.A.C. 7:20-1.7(h)) must be addressed in the final design report and permit application package for removal of the Morris County YMCA Dam. Also, design computations including all HEC-1 and HEC-RAS models need to be provided which clearly demonstrate that the proposed Morris County YMCA Dam breach configuration will not create a difference between the upstream and downstream water surface elevations during the 10-, 50-, and 100-year events of five (5) feet or more.

Lastly you are reminded that in accordance with the 2010 Compliance Schedule for the Morris County YMCA Dam, a final design and permit application for the decommission of the Morris County YMCA Dam must be submitted within six (6) months from the date of this review. Therefore, a permit application must be submitted to this office by **January 31, 2011**. Due to the unsatisfactory condition of the dam, no extension will be granted. Failure to do so, will result in the Department issuing an Administrative Order and Notice of Civil Administrative Penalty Assessment pursuant to the provisions of the Safe Dam Act, N.J.S.A. 58:4-1 et seq., and N.J.S.A. 13:1 D-1 et seq. and the New Jersey Dam Safety Standards, N.J.A.C. 7:20.

Please note that the lake surface elevation must be maintained at a reduced elevation until a permit application is approved and construction is undertaken

Should you have any questions regarding this matter, please contact this office at (609) 984-0859.

Sincerely,

A handwritten signature in black ink that reads "John H. Moyle". The signature is written in a cursive style and extends across the width of the page.

John H. Moyle, P.E., Manager  
Bureau of Dam Safety and Flood Control

c: Christopher S. Adams, P.E. Civil Dynamics Inc.  
Mount Olive Township Engineer & Clerk  
Morris County Engineering